**United States Patent** 

Meir Ibguy

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## A device for distributing antibacterial spray in a human shoe

## **Abstract**

The present invention offers an antibacterial spray - distributing device for a human shoe. The device includes two parts: An antibacterial source - a tank attached to the back outside a shoe and a body embodied inside a fiber, on the ground of a shoe, comprising a tube and a "shower" triggered to the front part of a foot. With pumping the tank several times a day an antibacterial spray is distributed through the tube and through the "shower" inside a shoe. Spray is used against odor causing bacteria discharged by foot and shoe during a day. It has not only masking but treating effect on foot and improves comfort in a human daily life.

Inventor: Meir Ibguy

## **US Patent Documents**

4,186,502	2/1980	Foster43/1
4,682,715	7/1987	Reeves 43/1
4,735,010	4/1988	Grinarml 43/1
4,051,159	9/1977	Tsoucalas et al.
4,161,284	7/1979	Rattan
4,316,333	2/1982	Rothschild
6,165,443	12/2000	Ansari, et al.
5,951,965	9/1999	Ansari, et al.
5,496,612	3/1996	Ransbottom
5,732,485	3/1998	Laughlin, et al.
5,399,404	3/1995	Laughlin, et al.
5,461,814	10/1995	Reid, et al.

**Claims** 

It is claimed: